

EL46567 6034

Sheet 1 of 2

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET M122-1427		SERIAL NO. Filed Herewith	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Micron Technology, Inc.		FILING DATE Filed Herewith	
				GROUP			
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JK	AA	4,954,867	09/04/90	Hosaka	257	639	
JK	AB	5,441,797	08/15/95	Hogan et al.	428	209	
JK	AC	5,472,827	12/05/95	Ogawa et al.	430	315	
JK	AD	5,674,356	10/07/97	Nagayama	438	694	
JK	AE	5,710,067	01/20/98	Foot et al.	438	636	
JK	AF	5,731,242	03/24/98	Parai et al.	438	586	
JK	AG	5,741,721	04/21/98	Stevens	438	396	
JK	AH	5,759,755	06/02/98	Park et al.	430	512	
JK	AI	5,838,052	11/17/98	McTeer	257	437	
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
JK	AL	JP06067019A	1/94	Japan (Abstract)			
JK	AM	0 471 185 A2	2/94	EPO			
JK	AN	0 588 087 A2	3/94	EPO			
JK	AO	0 588 087 A3	3/94	EPO			
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
JK	AR		ARTICLE: Bencher, C. et al., "Dielectric antireflective coatings for DUV lithography", Solid State Technology (March 1997), pp. 109-114.				
JK	AS		ARTICLE: Dammel, R. R. et al., "Dependence of Optical Constants of AZ® BARLI™ Bottom Coating on Back Conditions", SPIE Vol. 3049 (1997), pp. 963-973.				
JK	AT		TEXT: Heavens, O. S., "Optical Properties of Thin Solid Films", pp. 48-49. Dover Publications 1991				
EXAMINER JK E. Schuster				DATE CONSIDERED 2/28/01			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

EL46567 6034

Sheet 2 of 2

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
M122-1427SERIAL NO.
Filed HerewithLIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Micron Technology, Inc.

09/559903

FILING DATE
Filed Herewith

GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

922	AR	TEXT: Jenkins, F. et al., "Fundamentals of Optics", Properties of Light, pp. 9-10.
		McGraw Hill 1976
922	AS	TEXT: Wolf, S. et al., "Silicon Processing for the VLSI Era", Vol. 1, pp. 437-441.
		Lattice Press 1986
	AT	

EXAMINER

J. E. Eubank

DATE CONSIDERED

9/28/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1427		SERIAL NO. 09/559,903		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Zhiping Yin et al.				
				FILING DATE April 26, 2000		GROUP 2815		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
92	AA	0 942 350 A1	9/99	EPO	/	/		
92	AB	09-050993/JP9750993	2/97	Japan	/	/		
92	AC	406244172/6-244172	9/94	Japan	/	/		
92	AD	593,727	10/47	GB	/	/		
92	AE	5-263255/JP5263255	10/93	Japan	/	/		
92	AF	0 464 515 A3	1/92	EPO	/	/		
92	AG	0 771 886 A1	5/97	EPO	/	/		
92	AH	63-157443/JP63157443 A	6/88	JP	/	/		
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
92	AI	Robert Withnall et al., "Matrix Reactions of Methylsilanes and Oxygen Atoms", 1988 American Chemical Society, pp 594-602						
92	AJ	Weidman, T. et al., "New Photodefinable Glass Etch Masks for Entirely Dry Photolithography: Plasma Deposited Organosilicon Hydride Polymers", Appl. Phys. Lett., Vol. 62, No. 4, Jan. 25, 1993, pp. 372-374.						
92	AK	Weidman, T. et al., "All Dry Lithography: Applications of Plasma Polymerized Methylsilane as a Single Layer Resist and Silicon Dioxide Precursor", J. Photopolym. Sci. Technol., Vol. 8, No. 4, 1995, pp. 679-686.						
92	AL	Joubert, O. et al., "Application of Plasma Polymerized Methylsilane in an All Dry Resist Process for 193 and 248nm Lithography", Microelectronic Engineering 30 (1996), pp. 275-278.						
92	AM	Ajay M. Joshi et al., "Plasma Deposited Organosilicon Hydride Network Polymers as Versatile Resists for Entirely Dry Mid-Deep UV Photolithography", SPIE Vol 1925/709; pp. 709-720 January 26, 1993						
92	AN	M. Matsuura et al., "A Highly Reliable Self-planarizing Low-k Intermetal Dielectric for Sub-quarter Micron Interconnects", IEEE 7/97 pp 31.6.1-31.6.4 July 1997						
92	AO	O. Horie et al., "Kinetics and Mechanism of the Reactions of O(P) with SiH ₄ , CH ₃ SiH ₃ , (CH ₃) ₂ SiH ₂ and (CH ₃) ₃ SiH", 1991 American Chemical Society, pp 4393-4400						
92	AP	McClatchie, S. et al., "Low Dielectric Constant Flowfill Technology for IMD Applications", Proceed. of 3d Internatl. Dielectrics for ULSI Multilevel Interconnection Conf, Santa Clara, CA, Feb. 1997, pp. 34-40.						
92	AQ	Beckman, K. et al., "Sub-Micron Gap Fill and In-Situ Planarisation Using Flowfill" Technology", ULSI Conf, Portland, OR, Oct. 1995, pp. 1-7.						
92	AR	Kiermaaz, A. et al., "Planarisation for Sub-Micron Devices Utilising a New Chemistry", DUMIC Conf., California, Feb. 1995, pp. 1-						
92	AS	IBM Technical Disclosure Bulletin "Low-Temperature Deposition of SiO ₂ , Si ₃ N ₄ or SiO ₂ -Si ₃ N ₄ ," Vol. 28, No. 9, p. 4170, Feb. 1986						
92	AT	TEXT: Ralls, K. et al., "Introduction to Materials Science and Engineering", 1976 John Wiley & Sons, Inc., pp. 312-313.						
92	AU	ABSTRACT: Loboda, M. et al., "Using Trimethylsilane to Improve Safety, Throughput and Versatility in PECVD Processes", Electrochemical Society Meeting Abstract No. 358, 191 st Meeting, Montreal, Quebec, Vol. MA 97-1, 1997, page 454.						
92	AV	Laxman, R. et al., "Synthesizing Low-K CVD Materials for Fab Use", Semiconductor Internatl., Nov. 2000, pp. 95-102 (printed from www.semiconductor-intl.com).						
92	A	Anonymous, "New Gas Helps Make Faster ICs", Machine Design, Vol. 71, Iss. 21, Nov. 4, 1999, p. 118.						
92	AX	Julius Graess, "Hach's Chemical Dictionary", McGraw-Hill Book Company 1969, Fourth Edition, page 27.						
EXAMINER				DATE CONSIDERED				
92CER/A				5/20/02				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

JAN-28-2004 09:53

WELLS ST. JOHN, P.S.

5098383424 P.07/13

Sheet 1 of 1

Form PTO-1119		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M121-1427	SERIAL NO. 09-327,903			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Zhigang Yao et al.				
				FILING DATE April 26, 2000	GROUP 2819			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
YK	AA	6,133,618	10-2000	Sulzer				
	AB	5,094,217	11-1999	Ng				
	AC	5,983,319	11-1999	Kakamu et al.				
	AD	5,747,388	03-1998	Kassiers et al.				
	AE	5,639,687	06-1997	Roman et al.				
	AF	5,498,333	03-1996	Lin				
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
YK	AR	Wolfe, S. "Silicon Processing for the VLSI Era" Vol. 1, pp. 477-483.			Lattice Press 1986			
YK	AS	Wolfe, S. "Silicon Processing for the VLSI Era" Vol. 2, pp. 48-49 and 435.			Lattice Press 1986			
EXAMINER		YK/MS			DATE CONSIDERED 2/17/04			
*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

F.T. 979950463